

NPIC/P&DS/D/6-1356
10 May 1966

MEMORANDUM FOR THE RECORD

SUBJECT: PAR-214 (Reversal Processor), [REDACTED]

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1. In the 31 March 1966 Monthly Report, it is stated that there was emulsion damage due to dirt in the equipment or to inadequate hardening of the emulsion, or both, and that [REDACTED] recommended the use of Versamat Fixer, Type A.

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2. The implication that the difficulties with the Reversal Processor were due to improper operation is misleading, in that (a) The use of the Flash-O-Graph fixer, which is available in the Tank Farm, and is preferred by PSD, was approved [REDACTED] quality control personnel in establishing the sensitometry for the process at the time the equipment was installed. This approval has not been receded [REDACTED] (b) No mention in the report was made of the fact that emulsion pick-off had been caused by metallic particles from the roller drive chain being imbedded in the rollers. It was observed by members of P&DS that displacement of the drive chain to the point of striking a metal plate was caused by surplus nuts, carelessly dropped in assembling the racks, and becoming lodged between the chain and the rack. Loose nuts were also found in the bottom of many of the tanks for the same reason. Furthermore, on examination of the racks it was found that many of the nuts that hold the rollers in place were loose.

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3. Further, it should be noted that no mention was made of contamination of the second developer, indicated by the abnormal sensitometric results. Discovery of the cause was made by members of P&DS and not the [REDACTED] experts.

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[REDACTED]
Support Systems Section

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